

Portable Cooler Including Ice Sheet Having Refrigerant Cubes

ABSTRACT

A portable cooler having one or more ice sheets including built-in refrigerant cubes. The cooler comprises an outer fabric shell and one or more sets of spaced apart refrigerant cubes encapsulated in plastic to form ice sheets that are attached to the interior walls of the cooler. The walls of the cooler may also include one or more layers of thermal insulation. The ice sheets provide a visually pleasing appearance to the inside of the cooler suggestive of cooling effects. The ice sheets may be retained along the walls of the cooler by seams sewn along the lanes passing between the refrigerant cubes, by being retained in pockets formed by sidewall liners or by being secured into chambers defined by the cooler's outer walls and a plastic insert fitted into the cooler.